

Favorite INSTATEAR

Polyethylene Alloy

Favorite Plastics

Message:

INSTATEAR is a PE blend that allows unique machine direction linear tear. This film is ideal for packaging that requires quick uniform access, such as medical devices and supplies, thermoforming and certain food packaging.

General Information			
Uses	Packaging		
Agency Ratings	FDA 21 CFR 177.1520		
Forms	Film		
Physical	Nominal Value	Unit	Test Method
Density	0.928	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR)	1.2	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Coefficient of Friction (vs. Itself - Static)	0.50		ASTM D1894
Films	Nominal Value	Unit	Test Method
Film Thickness - Tested	51	μm	
Tensile Strength - MD			ASTM D882
Yield	15.2	MPa	
Break	16.9	MPa	
Tensile Elongation - MD (Break)	640	%	ASTM D882
Dart Drop Impact	250	g	ASTM D1709
Optical	Nominal Value	Unit	Test Method
Gloss (45°)	23		ASTM D2457
Haze	32	%	ASTM D1003

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Recommended distributors for this material

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